

**PATENT CLAIMS**

1. An electromotive direct drive for one cylinder (1) of a printing press, which cylinder (1) is held in a connecting construction (3) with a journal (2) via a roller bearing (4), a rotor (6.1) of an electric motor (6) being connected fixedly in terms of rotation to the journal (2), and a stator (6.2) being connected to the connecting construction (3), characterized in that the rotor (6.1) is connected to an end side of the roller bearing (4), and the stator (6.2) is accommodated by a housing (9) which can be fastened to the connecting construction (3) via a bearing housing (5).  
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2. The direct drive as claimed in claim 1, characterized in that the bearing housing (5) is held concentrically by an accommodation hole (3.1) of the connecting construction (3).  
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3. The direct drive as claimed in claim 1, characterized in that, in the radially inward direction, the rotor (6.1) covers an end side of the journal (2) at least partially.  
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4. The direct drive as claimed in claim 1, characterized in that the roller bearing (4) is a cylindrical roller bearing, a tapered roller bearing or an angular contact ball bearing.  
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5. The direct drive as claimed in claim 1, characterized in that an outer raceway of the roller bearing (4) is formed by an outer ring (4.1) or by the bearing housing (5).  
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6. The direct drive as claimed in claim 5, characterized in that the outer raceway of the

roller bearing (4) is offset eccentrically with respect to an axis of the receptacle hole (3.1) of the connecting construction.

5 7. The direct drive as claimed in claim 1, characterized in that a measuring apparatus for determining the rotational angle of the cylinder (1) is arranged on said cylinder (1) for achieving synchronism with other cylinders of the printing  
10 press.

8. The direct drive as claimed in claim 6, characterized in that a sensor (13) is arranged in the bearing housing (5), which sensor (13) is operatively connected to an encoded measuring ring (14) which is arranged on the journal (2) of the cylinder (1), the sensor signals which are detected being supplied to a control device for adjusting advanced or retarded running.  
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20 9. The direct drive as claimed in claim 6, characterized in that the measuring ring is formed as a separate component or by an axial extension of an inner ring (4.2) of the roller bearing (4).